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|---|---|---|---|---|---|---|
| L17 | 1 | "165"/$.ccls. and interconnects same (insulating insulation) and substrate not chuck and "light emitting diode" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:59 |
| L18 | 2 | "165"/$.ccls. and interconnects and substrate not chuck and "light emitting diode" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:59 |
| L19 | 2 | "165"/$.ccls. and interconnect and substrate not chuck and "light emitting diode" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:59 |
| L20 | 2 | "165"/$.ccls. and interconnect and substrate and "light emitting diode" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 09:00 |
| L21 | 27 | "165"/$.ccls. and interconnect and substrate and "LED" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 09:14 |
| L24 | 17 | "313"/$.ccls. and interconnect and substrate and "LED" and cooling | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 09:14 |
| S3 | 225 | 313/11.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/11 08:47 |
| S10 | 544 | 313/39.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 07:47 |
| S11 | 565 | 313/40.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 07:47 |
| S12 | 1126 | 313/44.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 07:47 |
| S13 | 686 | 313/45.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 07:47 |
| S14 | 1013 | 313/46.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 07:59 |

| S17 | 13 | "313"/$.ccls. and "heat sink" and anisotropic | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 07:53 |
|---|---|---|---|---|---|---|
| S22 | 2399 | 361/704.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 08:00 |
| S23 | 695 | 361/709.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/16 08:00 |
| S35 | 339 | 313/12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:07 |
| S36 | 176 | 313/19.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S37 | 149 | 313/20.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S38 | 551 | 313/22.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S39 | 235 | 313/23.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S40 | 357 | 313/24.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S41 | 1046 | 313/25.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S42 | 975 | 313/32.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:08 |
| S43 | 940 | 313/35.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:09 |

| S44 | 647 | 313/36.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:14 |
|---|---|---|---|---|---|---|
| S45 | 1015 | 313/46.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:09 |
| S46 | 226 | 313/11.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:09 |
| S47 | 545 | 313/39.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:09 |
| S48 | 566 | 313/40.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:09 |
| S49 | 1127 | 313/44.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:10 |
| S50 | 687 | 313/45.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:10 |
| S51 | 340 | 361/703.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:11 |
| S52 | 451 | 361/689.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:11 |
| S53 | 919 | 361/690.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:11 |
| S54 | 430 | 361/694.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:11 |
| S55 | 4110 | (313/12.ccls. 313/22.ccls. 313/23. ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46. ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:15 |

| S56 | 270 | (313/12.ccls. 313/22.ccls. 313/23. ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46. ccls.) and (LED "Light Emitting Diodes") | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:16 |
|---|---|---|---|---|---|---|
| S57 | 285 | (313/12.ccls. 313/22.ccls. 313/23. ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46. ccls.) and (LED OLED "Light Emitting Diodes") | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:23 |
| S58 | 38 | (313/12.ccls. 313/22.ccls. 313/23. ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46. ccls.) and (LED OLED "Light Emitting Diodes") and (array display panel) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:17 |
| S59 | 292 | (313/12.ccls. 313/22.ccls. 313/23. ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46. ccls. 313/11.ccls.) and (LED OLED "Light Emitting Diodes") | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:23 |
| S60 | 7 | (313/12.ccls. 313/22.ccls. 313/23. ccls. 313/24.ccls. 313/32.ccls. 313/35.ccls. 313/36.ccls. 313/46. ccls. 313/11.ccls.) and (LED OLED "Light Emitting Diodes") not S57 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/05/31 09:23 |
| S62 | 3192 | "165"/$.ccls. and circuit and channel | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/11 08:48 |
| S63 | 608 | "165"/$.ccls. and circuit and channel and panel | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/11 08:49 |
| S64 | 68 | "165"/$.ccls. and circuit and channel and panel and substrate | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/11 09:30 |
| S65 | 566 | 165/70.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/11 09:28 |
| S66 | 62 | "165"/$.ccls. and wire and panel and substrate | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 07:36 |
| S67 | 177 | "165"/$.ccls. and ("flat panel" "flat screen") | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/11 09:37 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L6 | 17 | ("4884331" \| "5014117" \| "5057968" \| "5060112" \| "5159529" \| "5370178" \| "5684675" \| "5815371" \| "5986888" \| "6055157" \| "6068051" \| "6111749" \| "6173759" \| "6185101" \| "6252775" \| "6330160" \| "6421240").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/25 07:24 |
| L7 | 34 | "165"/$.ccls. and wire same (insulating insulation) and substrate and Channel | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 07:53 |
| L8 | 20 | ("4652970").URPN. | USPAT | OR | ON | 2005/07/25 07:47 |
| L9 | 22 | "165"/$.ccls. and pin same (insulating insulation) and substrate and Channel | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 07:53 |
| L10 | 14 | "165"/$.ccls. and pin same (insulating insulation) and substrate and Channel not chuck | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:11 |
| L11 | 12 | "165"/$.ccls. and interconnects same (insulating insulation) and substrate and Channel not chuck | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:54 |
| L12 | 14 | ("5313361").URPN. | USPAT | OR | ON | 2005/07/25 08:22 |
| L13 | 18 | ("2727632" \| "4327399" \| "4562092" \| "4739443" \| "5034688" \| "5099311" \| "5099910" \| "5158912" \| "5218515" \| "5313361" \| "5317478" \| "5436793" \| "5495889" \| "5506753" \| "5510958" \| "5655290" \| "5669136").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/25 08:32 |
| L14 | 3 | "165"/$.ccls. and interconnects same (insulating insulation) and substrate and Channel not chuck and LED | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:56 |
| L15 | 5 | "165"/$.ccls. and interconnects same (insulating insulation) and substrate and Channel not chuck and diode | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:57 |
| L16 | 9 | "165"/$.ccls. and interconnects same (insulating insulation) and substrate not chuck and diode | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/07/25 08:58 |